

ABSTRACT OF THE DISCLOSURE

The invention provides a semiconductor device of low power consumption and low cost.

5 A semiconductor device 50 is basically constituted of a semiconductor substrate 1 and an external signal processing substrate 8. The semiconductor substrate 1 is provided with a memory unit 3, a data driver 4, an element array 2, a scanning circuit 35 and a clock generator 36. When successively outputting
10 an identical data signal to the element array 2 over a plurality of times, the data signal retained in the memory unit 3 is utilized.